| issue Classification |  |  |  |  |  |  |  |  |  |  |
|----------------------|--|--|--|--|--|--|--|--|--|--|
|                      |  |  |  |  |  |  |  |  |  |  |

| Application No. | Applicant(s)    |  |
|-----------------|-----------------|--|
| 09/532,915      | HAYAKAWA ET AL. |  |
| Examiner        | Art Unit        |  |
|                 |                 |  |
| A. Sefer        | 2826            |  |

|            |   | IS            | SSUE CL                           | .ASSI                | FICATIO    | N                        |                    |               |  |  |  |  |  |  |
|------------|---|---------------|-----------------------------------|----------------------|------------|--------------------------|--------------------|---------------|--|--|--|--|--|--|
|            | ORIGINAL                                |               |                                   |                      | CRO        | SS REFERENC              | E(S)               |               |  |  |  |  |  |  |
| CLASS      | SUBCLASS                                | CLASS         | SUBCLASS (ONE SUBCLASS PER BLOCK) |                      |            |                          |                    |               |  |  |  |  |  |  |
| 257        | 347                                     | 257           | 59                                | 72                   | 410        | 411                      | 639                | 649           |  |  |  |  |  |  |
| INTERNATIO | NAL CLASSIFICATION                      |               |                                   |                      |            | 4 - 10 - 10 - 10 - 10    |                    |               |  |  |  |  |  |  |
| H 0 1      | L 31/0392                               |               |                                   |                      |            |                          |                    |               |  |  |  |  |  |  |
|            | · / · · · · · · · · · · · · · · · · · · |               |                                   | W                    |            |                          |                    |               |  |  |  |  |  |  |
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| X          |   |               |                                   | 1                    |            | 113 1139 9               | Tara sana          | L transmitter |  |  |  |  |  |  |
|            | J. N. Se. Ju.<br>stant Examiner) (Dat   | 9/29/04<br>•) | SUPERVISOR                        | HAN J. F<br>RY PATEN | IT EXAMINE | Total Claims Allowed: 56 |                    |               |  |  |  |  |  |  |
| aley       | or Guluk                                | (Date)        | TECHNOL                           | OGY CEN              | TER 2800   | O<br>Print (             | O.G.<br>Print Fig. |               |  |  |  |  |  |  |

| Claims renumbered in the same order as presented by applicant |          |         |       |          |         |       |          |  |       | PA       |               | ☐ T.D. |          |                                       | ☐ R.1.47 |          |             |       |          |
|---|----------|---------|-------|----------|---------|-------|----------|--|-------|----------|---------------|--------|----------|---------------------------------------|----------|----------|-------------|-------|----------|
| Final   | Original |         | Final | Original |         | Final | Original |  | Final | Original |               | Final  | Original |                                       | Final    | Original |             | Final | Original |
| <b>Q</b>  | 1        |         | 27    | 31       |         |       | 61       |  |       | 91       |               |        | 121      |                                       |          | 151      |             |       | 181      |
| (3)<br>(5)  | 2        |         | 28    | 32       |         |       | 62       |  |       | 92       |               |        | 122      |                                       |          | 152      | 150         |       | 182      |
|   | 3        | 1 1     | 29    | 33       |         |       | 63       |  |       | 93       |               |        | 123      |                                       |          | 153      |             |       | 183      |
| (11)  | 4        | - 1. 5. | 30    | 34       | PU POPS |       | 64       |  |       | 94       | All I         |        | 124      |                                       |          | 154      |             |       | 184      |
| 8   | 5        |         | 31    | 35       | 190     |       | 65       | 1.   |       | 95       |               |        | 125      |                                       |          | 155      |             |       | 185      |
| 12  | 6        |         | 32    | 36       |         |       | 66       |  |       | 96       |               |        | 126      |                                       |          | 156      |             |       | 186      |
| 7   | 7        |         | 33    | 37       |         |       | 67       |  |       | 97       |               |        | 127      |                                       |          | 157      |             |       | 187      |
| 13  | 8        |         | 34    | 38       |         |       | 68       |  |       | 98       |               |        | 128      |                                       |          | 158      |             |       | 188      |
| 8   | 9        | 2       | 35    | 39       | - 1-    |       | 69       |  |       | 99       |               |        | 129      | 1                                     |          | 159      |             |       | 189      |
| 9   | 10       | 111     | 37    | 40       | 1       |       | 70       | 1 1  |       | 100      |               |        | 130      |                                       |          | 160      | 7 115       |       | 190      |
| 14  | 11       | 1.5     | 38    | 41       |         |       | 71       | Ţ. []  |       | 101      | in the        |        | 131      | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |          | 161      |             |       | 191      |
|   | 12       | 100 mg  | 39    | 42       |         |       | 72       |  |       | 102      |               |        | 132      | 1 4                                   |          | 162      |             |       | 192      |
|   | 1/3      |         | 40    | 43       |         |       | 73       | a de la composición dela composición de la composición dela composición de la compos |       | 103      |               |        | 133      |                                       |          | 163      | 5 44        |       | 193      |
| 2   | 14       |         | 41    | 44       | ] . [   |       | 74       | 1  |       | 104      |               |        | 134      | . a .                                 |          | 164      |             |       | 194      |
| 4   | 15       |         | 42    | 45       | ] [     |       | 75       |  |       | 105      | 1 12          |        | 135      |                                       |          | 165      |             |       | 195      |
| 10  | 16       |         | 43    | 46       |         |       | 76       | # - T  |       | 106      | . в           |        | 136      | 1                                     |          | 166      | Y.          |       | 196      |
| 15  | 17       |         | 44    | 47       | - 1     |       | 77       | # # /  |       | 107      | 1             |        | 137      | 15,                                   |          | 167      |             |       | 197      |
| (6)   | 18       |         | 45    | 48       |         |       | 78       |  |       | 108      | 1001-0        |        | 138      |                                       |          | 168      | 100         |       | 198      |
| (26)<br>(36)  | 19       | 1 12    | 47    | 49       |         |       | 79       |  |       | 109      | ring<br>Todal |        | 139      |                                       |          | 169      |             |       | 199      |
| (36)  | 20       | - 1     | 48    | 50       | 5.5 X   |       | 80       | Ab d   |       | 110      |               |        | 140      | 7                                     |          | 170      |             |       | 200      |
| 46)   | 21       | 1 1     | 49    | 51       | 4       |       | 81       | erheit Perbi   |       | 111      | Tio "         |        | 141      | *                                     |          | 171      | å.          |       | 201      |
| 17  | 22       |         | 50    | 52       | 1 m     |       | 82       |  |       | 112      |               |        | 142      |                                       |          | 172      | 7           |       | 202      |
| 18  | 23       |         | 51    | 53       |         |       | 83       |  |       | 113      | 18.9          |        | 143      |                                       |          | 173      |             |       | 203      |
| 19  | 24       |         | 52    | 54       | 1. 1.   |       | 84       |  |       | 114      |               |        | 144      | راجها ال                              |          | 174      | er<br>Bijti |       | 204      |
| 20  | 25       |         | 53    | 55       | 17. 14. |       | 85       | 2 20   | 1     | 115      |               |        | 145      | 1                                     |          | 175      |             |       | 205      |
| 21  | 26       |         | 54    | 56       |         |       | 86       | K.y  |       | 116      | Trans         |        | 146      |                                       |          | 176      | 7 - 1       |       | 206      |
| 22  | 27       |         | 55    | 57       |         |       | 87       | - 2º A   |       | 117      |               |        | 147      |                                       |          | 177      |             |       | 207      |
| _23   | 28       |         | (56)  | 58       |         |       | 88       |  |       | 118      |               |        | 148      |                                       |          | 178      |             |       | 208      |
| 24  | 29       |         |       | 59       |         |       | 89       |  |       | 119      |               |        | 149      |                                       |          | 179      |             |       | 209      |
| 25  | 30       |         |       | 60       |         |       | 90       | *  |       | 120      | -             |        | 150      |                                       |          | 180      |             |       | 210      |